| Project Title | Funding | Strategic Plan Objective | Institution |
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| a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95 | $0 | Q2.Other | University of California, Davis |
| a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95 | $0 | Q2.Other | University of California, Davis Medical Center<br>University of California, Davis |
| Engagement of Social Cognitive Networks during Game Play in Autism | $0 | Q2.Other | Duke University |
| Activity-dependent Mechanisms of Visual Circuit Formation | $0 | Q2.Other | Children's Research Institute (CRI)<br>Children's National Medical Center |
| Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design | $0 | Q2.Other | Yale University |
| A Role for Cytoplasmic Rbfox1/A2BP1 in Autism | $0 | Q2.Other | University of California, Los Angeles |
| Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders | $0 | Q2.Other | Max Planck Florida Institute for Neuroscience |
| The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia | $0 | Q2.Other | Cincinnati Children's Hospital Medical Center<br>University of Cincinnati |
| Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice | $0 | Q2.Other | New York University |
| Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2 | $0 | Q2.Other | University of California, San Francisco |
| Dissecting Reciprocal CNVs Associated With Autism | $0 | Q2.Other | Duke University |
| Investigating the Role of RBFOX1 in Autism Etiology | $0 | Q2.Other | University of Miami |
| Role of Serotonin Signaling during Neural Circuitry Formation in Autism Spectrum Disorders | $0 | Q2.S.D | Massachusetts Institute of Technology |
| Understanding the Genetic Architecture of Rett Syndrome - an Autism Spectrum Disorder | $0 | Q2.S.D | Cold Spring Harbor Laboratory |
| Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4 | $0 | Q2.S.D | University of North Carolina, Chapel Hill |
| A Novel Glial Specific Isoform of Cdkl5: Implications for the Pathology of Autism in Rett Syndrome | $0 | Q2.S.D | University of Nebraska Medical Center |
| Identification and Functional Analysis of Risk Genes for Autistic Macrocephaly | $0 | Q2.S.G | Institute of Psychiatry/King's College London |
| Autism Linked LRRTM4-Heparan Sulphate Proteoglycan Complex Functions in Synapse Development | $0 | Q2.S.G | University of Brtish Columbia |
| Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders | $0 | Q3.S.E | Sanford Burnham Medical Research Center |
| Evaluating the Functional Impact of Epigenetic Control Related Genes Mutated in both Schizophrenia and Autism | $0 | Q3.S.J | Columbia University |
| Cellular and Synaptic Dissection of the Neuronal Circuits of Social and Autistic Behavior | $0 | Q3.S.K | University of Coimbra |
| Whole Brain Mapping of the Effects of Intranasal Oxytocin in CNTNAP2 KO Mouse Model of Autism | $0 | Q4.Other | Cold Spring Harbor Laboratory |
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| Project Title | Funding | Strategic Plan Objective | Institution |
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| Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model | $0 | Q4.S.B | Duke University |
| Development of a connectomic functional brain imaging endophenotype of autism | $13,634 | Q2.Other | University of Cambridge |
| Enhancing neurobehavioural and clinical definitions in autism spectrum disorders | $14,000 | Q2.Other | Monash University |
| Neuropeptide regulation of juvenile social behaviors | $14,775 | Q2.Other | Boston College |
| Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition | $14,800 | Q2.Other | Hospital Riviere-des-Praires, University of Montreal, Canada |
| Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder | $14,950 | Q2.Other | University of New South Wales |
| Predicting outcomes in autism with functional connectivity MRI | $14,998 | Q1.L.B | National Institute of Mental Health |
| Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder | $15,000 | Q1.L.A | Harvard University |
| Neural underpinning of emotion perception and its disorders | $15,000 | Q2.Other | Dartmouth College |
| Roles of miRNAs in regulation of Foxp2 and in autism | $15,000 | Q2.Other | Louisiana State University |
| The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders | $15,000 | Q2.Other | Johns Hopkins University |
| Abnormal connectivity in autism | $15,000 | Q2.Other | University of California, Los Angeles |
| Role of negative regulators of FGF signaling in frontal cortex development and autism | $15,000 | Q2.Other | University of California, San Francisco |
| Dissecting expression regulation of an autism GWAS hit | $15,000 | Q3.L.B | University of California, San Francisco |
| Paternal age and epigenetic mechanisms in psychiatric disease | $15,000 | Q3.S.J | Research Foundation for Mental Hygiene, Inc/NYSPI |
| Adverse prenatal environment and altered social and anxiety-related behaviors | $15,000 | Q4.S.B | University of Pennsylvania |
| The neural basis of weak central coherence in autism spectrum disorders | $26,080 | Q2.Other | Yale University |
| The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders | $28,000 | Q4.S.F | Monash University |
| Convergence of immune and genetic signaling pathways in autism and schizophrenia | $29,430 | Q2.S.A | University of California, Davis |
| Behavioral and neural responses to emotional faces in individuals with ASD | $29,871 | Q2.Other | Harvard University |

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| Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders | $29,987 | Q2.Other | University of Pittsburgh |
| Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan | $29,995 | Q3.L.B | Massachusetts General Hospital and Harvard University |
| Investigating brain organization and activation in autism at the whole-brain level | $30,000 | Q2.Other | California Institute of Technology |
| Studying Rett and Fragile X syndrome in human ES cells using TALEN technology | $30,000 | Q2.S.D | Whitehead Institute for Biomedical Research |
| Exploration of resting-state network dynamics in autism spectrum disorders | $30,000 | Q4.Other | Harvard University |
| Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders | $32,469 | Q2.S.E | University of Pennsylvania |
| Cellular and molecular pathways of cortical afferentation in autism spectrum disorders | $45,000 | Q4.S.B | University of Geneva |